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1 Product Description

Thanks for purchasing TENDA TEL9901G 10/100/1000M auto-Negotiation Gigabit PCI LAN Adapter. TEL9901G is fully compliant with PCI2.2, support ACPI power management. TEL9901G is Auto-Negotiation, supports three transfer rate of 10Mbps, 100Mbps and 1000Mbps. Being able to auto detect the transfer rate of the networking devices connected and also support full and half duplex modes. Besides, TEL9901G also supports Boot ROM and RPL/PXE.

TENDA TEL9901G supports driver software under the operation system of Windows 98, Windows ME, Windows 2000, Windows NT, Windows XP, Windows NT, Linux and Novell etc.

1.1 Unpacking

This package contains:

10/100/1000Mbps Gigabit PCI LAN Adapter	1
CD Driver	1
User's Manual	1
Quality-passed Certificate Card	1
Quality Warranty Card	1

1.2 Main Features

TEL9901G is fully compliant with IEEE802.3 10Base-T, IEEE802.3u 100Base-Tx, IEEE802.3ab 1000Base-T protocol, supports IEEE802.3x full duplex flow control, IEEE802.1p priority tag. And also supports Auto-Negotiation, auto MDI/MDI-X, simple to configure and economic. It

is your best choice for realizing Gigabit Network to your desktop.

Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab standard;

Supports transfer rate of 10Mbps, 100Mbps, 1000Mbps and duplex of 10/100M under full duplex mode, half duplex, 1000M under full duplex mode.

Supports NWAY Auto-Negotiation, auto detect transfer rate, duplex mode, and able to select an optimal network connecting mode and avoid complex configuration, Plug-and-Play

Supports auto MDI/MDI-X

Supports IEE802.3x Flow Control for full-duplex mode

Compliant with PCI 2.1, PCI2.2 protocol, supports 32 bits, 33/66MHz PCI BUS, extremely low CPU consumption

Supports ACPI power management, enables you to manage power through modern operating systems and obtains optimal power management.

Compliant with IEEE802.1Q standard, supports Tag VLAN, supports IEEE802.1p priority tag.

Supports the transmitting and receiving of Gigabit Jumbo Frame

Up to 2000Mbps throughput

Integrated big capacity independent transferring/ receiving FIFO buffering area.

Adopting high integration and high performance single chipset solution.

Supports Boot ROM, able to realize RPL/PXE while inserting the appointed Boot ROM.

Abundant driving software supported, almost supports all the normal operating systems including WIN NT4.0, WIN98SE, WIN ME, WIN 2000, WIN XP, NOVELL SERVER/CLIENT,

LINUX2.2X/2.4X/2.6X,
MAC OS and Free BSD etc.

1.3 Specifications

Main Features	
Protocol	IEEE802.1p IEEE802.1Q IEEE802.3 IEEE802.3u IEEE802.3ab IEEE802.3x
BUS Type	32bit 33/66MHZ PCI BUS
Network Interface	RJ45
I/O Address	System auto assign
Disconnected (IRO)	System auto assign
Half/Full Duplex Transfer Rate	10/20Mbps 100/200Mbps 2000Mbps
Operating Temperature	0℃~45℃ (32 F ~112 F)
Operating Humidity	10%-90% (non condensing)
Consumption	5 Voltage power input from the PCI slot of the main-board, MAX 4 watts consumption

1.4 LED Indicators

One “FDX” LED	ON indicates that TEL9901G is working under full duplex mode
One “1000” LED	Indicates status of 1000Mbps Link/Act
One “100” LED	Indicates status of 100Mbps Link/Act

One “10” LED	Indicates status of 10Mbps Link/Act
Note: When the Link/Act LED is ON, it indicates that TEL9901G is connected to the network successfully at the respective transfer rate. When the Link/Act LED is blinking, it indicates that TEL9901G is transmitting data.	

2 Hardware Installation

Please install TEL9901G according to the following steps:

- Shut down your computer, unplug its power cord and remove the chassis cover.
- Insert the contact edge of the DGE-530T card into the connector of any available PCI Bus Master expansion slot. Press the card firmly into the connector such that the card's contacts are fully seated in the connector.
- Install the bracket screw that secures the card to the computer chassis and replace the computer's chassis cover.
- Connect TEL9901G to the network through Cat. 5 or Cat. 5 enhanced twisted pair cable.

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3 Driver Installation

Please install the driver according to the following steps:

- Start PC, and insert the CD attached in the packing. The computer would run the CD automatically and display Tenda Setup on the screen. (If the computer is not running the CD automatically, please double click the CD and run "TendaSetup.exe"), please click the icon of "driver software" to install the driving software.
- Please click "TEL9901G", select "the language of driver software" and then click "Enter" to start installation.
- Please select the directory for installation and click "Next"
- Please click "Finish" and you now install the driver successfully.